

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING**

### **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: \_\_\_\_\_

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

10/524, 724  
JFWP  
02/21/2007

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

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**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

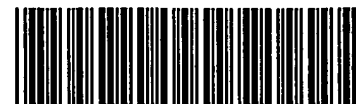
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**
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Revised 01/10/06



IFWP

## RAW SEQUENCE LISTING

DATE: 02/21/2007

PATENT APPLICATION: US/10/524,724

TIME: 14:09:09

Input Set: A:\pto.da.txt

Output Set: N:\CRF4\02212007\J524724.raw

3 <110> APPLICANT: DUNCKLEY, et al.  
 5 <120> TITLE OF INVENTION: Modified Tailed Oligonucleotides  
 7 <130> FILE REFERENCE: E072 1050.1  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/524,724  
 11 <141> CURRENT FILING DATE: 2005-02-16  
 13 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/003612  
 14 <151> PRIOR FILING DATE: 2003-08-18  
 16 <150> PRIOR APPLICATION NUMBER: GB 0219143.5  
 17 <151> PRIOR FILING DATE: 2002-08-16  
 19 <160> NUMBER OF SEQ ID NOS: 16  
 21 <170> SOFTWARE: PatentIn version 3.1

Does Not Comply  
 Corrected Diskette Needed  
 (pgs - 1-6)

## ERRORED SEQUENCES

23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 21  
 25 <212> TYPE: DNA  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: PCR primer  
 31 <400> SEQUENCE: 1  
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 33 21  
 35 <210> SEQ ID NO: 2  
 36 <211> LENGTH: 27  
 37 <212> TYPE: DNA  
 38 <213> ORGANISM: Artificial sequence  
 40 <220> FEATURE:  
 41 <223> OTHER INFORMATION: PCR Primer  
 43 <400> SEQUENCE: 2  
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 45 27  
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 48 <211> LENGTH: 41  
 49 <212> TYPE: DNA  
 50 <213> ORGANISM: Artificial sequence  
 52 <220> FEATURE:  
 53 <223> OTHER INFORMATION: PCR primer  
 55 <400> SEQUENCE: 3  
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 57 41  
 59 <210> SEQ ID NO: 4

## RAW SEQUENCE LISTING

DATE: 02/21/2007

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TIME: 14:09:09

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02212007\J524724.raw

60 <211> LENGTH: 35  
61 <212> TYPE: DNA  
62 <213> ORGANISM: Artificial sequence  
64 <220> FEATURE:  
65 <223> OTHER INFORMATION: PCR primer  
67 <400> SEQUENCE: 4  
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69 35  
71 <210> SEQ ID NO: 5  
72 <211> LENGTH: 26  
73 <212> TYPE: DNA  
74 <213> ORGANISM: Artificial sequence  
76 <220> FEATURE:  
77 <223> OTHER INFORMATION: PCR primer  
79 <400> SEQUENCE: 5  
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81 26  
83 <210> SEQ ID NO: 6  
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85 <212> TYPE: DNA  
86 <213> ORGANISM: Artificial sequence  
88 <220> FEATURE:  
89 <223> OTHER INFORMATION: PCR primer  
91 <400> SEQUENCE: 6  
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96 <211> LENGTH: 42  
97 <212> TYPE: DNA  
98 <213> ORGANISM: Artificial sequence  
100 <220> FEATURE:  
101 <223> OTHER INFORMATION: PCR primer  
103 <400> SEQUENCE: 7  
E--> 104 aaattaatac gactcactat agggctgctg gttgtctacc ca 42  
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107 <210> SEQ ID NO: 8  
108 <211> LENGTH: 38  
109 <212> TYPE: RNA  
110 <213> ORGANISM: Artificial sequence  
112 <220> FEATURE:  
113 <223> OTHER INFORMATION: modified tailed oligonucleotide  
115 <220> FEATURE:  
116 <221> NAME/KEY: misc\_feature  
117 <222> LOCATION: (1)..(23)  
118 <223> OTHER INFORMATION: tail region  
120 <220> FEATURE:  
121 <221> NAME/KEY: misc\_feature  
122 <222> LOCATION: (24)..(38)  
123 <223> OTHER INFORMATION: complementary region

## RAW SEQUENCE LISTING

DATE: 02/21/2007

PATENT APPLICATION: US/10/524,724

TIME: 14:09:09

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02212007\J524724.raw

125 <400> SEQUENCE: 8  
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127 38  
129 <210> SEQ ID NO: 9  
130 <211> LENGTH: 38  
131 <212> TYPE: RNA  
132 <213> ORGANISM: Artificial sequence  
134 <220> FEATURE:  
135 <223> OTHER INFORMATION: modified tailed oligonucleotide  
137 <220> FEATURE:  
138 <221> NAME/KEY: misc\_feature  
139 <222> LOCATION: (1)..(15)  
140 <223> OTHER INFORMATION: complementary region  
142 <220> FEATURE:  
143 <221> NAME/KEY: misc\_feature  
144 <222> LOCATION: (16)..(38)  
145 <223> OTHER INFORMATION: tail region  
147 <400> SEQUENCE: 9  
E--> 148 gauuuugucu aaaacagaag aacgaagaac gaagaaca 38  
149 38  
151 <210> SEQ ID NO: 10  
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154 <213> ORGANISM: Artificial sequence  
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157 <223> OTHER INFORMATION: modified tailed oligonucleotide  
159 <220> FEATURE:  
160 <221> NAME/KEY: misc\_feature  
161 <222> LOCATION: (1)..(23)  
162 <223> OTHER INFORMATION: tail region  
164 <220> FEATURE:  
165 <221> NAME/KEY: misc\_feature  
166 <222> LOCATION: (24)..(38)  
167 <223> OTHER INFORMATION: complementary region  
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171 38  
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174 <211> LENGTH: 38  
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178 <220> FEATURE:  
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182 <221> NAME/KEY: misc\_feature  
183 <222> LOCATION: (1)..(23)  
184 <223> OTHER INFORMATION: tail region  
186 <220> FEATURE:  
187 <221> NAME/KEY: misc\_feature

## RAW SEQUENCE LISTING

DATE: 02/21/2007

PATENT APPLICATION: US/10/524,724

TIME: 14:09:09

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02212007\J524724.raw

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188 <222> LOCATION: (24)..(38)
189 <223> OTHER INFORMATION: complementary region
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197 <212> TYPE: RNA
198 <213> ORGANISM: Artificial sequence
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201 <223> OTHER INFORMATION: modified tailed oligonucleotide
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (1)..(23)
206 <223> OTHER INFORMATION: tail region
208 <220> FEATURE:
209 <221> NAME/KEY: misc_feature
210 <222> LOCATION: (24)..(38)
211 <223> OTHER INFORMATION: complementary region
213 <400> SEQUENCE: 12
E--> 214 auagggcagg cuagggcagg ccagauuuug ucuaaaac 38
215 38
217 <210> SEQ ID NO: 13
218 <211> LENGTH: 15
219 <212> TYPE: RNA
220 <213> ORGANISM: Artificial sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: modified tailed oligonucleotide
225 <220> FEATURE:
226 <221> NAME/KEY: misc_feature
227 <222> LOCATION: (1)..(15)
228 <223> OTHER INFORMATION: complementary region
230 <400> SEQUENCE: 13
E--> 231 gauuuuugucu aaaac 15
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234 <210> SEQ ID NO: 14
235 <211> LENGTH: 14
236 <212> TYPE: RNA
237 <213> ORGANISM: Artificial sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: modified tailed oligonucleotide
242 <220> FEATURE:
243 <221> NAME/KEY: misc_feature
244 <222> LOCATION: (1)..(14)
245 <223> OTHER INFORMATION: complementary region
247 <400> SEQUENCE: 14
E--> 248 acccugucuu aggu 14
249 14
272 <210> SEQ ID NO: 16

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## RAW SEQUENCE LISTING

DATE: 02/21/2007

PATENT APPLICATION: US/10/524,724

TIME: 14:09:09

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02212007\J524724.raw

274 &lt;211&gt; LENGTH: 23

275 &lt;212&gt; TYPE: RNA

276 &lt;213&gt; ORGANISM: Artificial sequence

278 &lt;220&gt; FEATURE:

279 &lt;223&gt; OTHER INFORMATION: tail region for modified tailed oligonucleotide

281 &lt;400&gt; SEQUENCE: 16

E--> 282 aggaggacgg aggacggagg aca 23

283 23

E--&gt; 285 1

E--&gt; 288 1

↓  
Pls delete

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/524,724

DATE: 02/21/2007  
TIME: 14:09:10

Input Set : A:\pto.da.txt  
Output Set: N:\CRF4\02212007\J524724.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 32  
Seq#:2; Line(s) 44  
Seq#:3; Line(s) 56  
Seq#:4; Line(s) 68  
Seq#:5; Line(s) 80  
Seq#:6; Line(s) 92  
Seq#:7; Line(s) 104  
Seq#:8; Line(s) 126  
Seq#:9; Line(s) 148  
Seq#:10; Line(s) 170  
Seq#:11; Line(s) 192  
Seq#:12; Line(s) 214  
Seq#:13; Line(s) 231  
Seq#:14; Line(s) 248  
Seq#:15; Line(s) 270  
Seq#:16; Line(s) 282

~  
FYI  
—

## VERIFICATION SUMMARY

DATE: 02/21/2007

PATENT APPLICATION: US/10/524,724

TIME: 14:09:10

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\02212007\J524724.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:32 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:21 SEQ:1  
L:44 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:2  
L:56 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:41 SEQ:3  
L:68 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:35 SEQ:4  
L:80 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:26 SEQ:5  
L:92 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:6  
L:104 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:42 SEQ:7  
L:126 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:8  
L:148 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:9  
L:170 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:10  
L:192 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:11  
L:214 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:38 SEQ:12  
L:231 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:15 SEQ:13  
L:248 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:14 SEQ:14  
L:282 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:23 SEQ:16  
L:285 M:254 E: No. of Bases conflict, this line has no nucleotides.  
L:288 M:254 E: No. of Bases conflict, this line has no nucleotides.